

**Flood Control Project Maintenance
Levee Inspections**

Fall 2011 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including DWR Erosion Survey

San Joaquin River Basin

RD2094	Overall LMA Rating	Total LMA Miles				
Reclamation District No. 2094 Wathal	A	3.28				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
<i>Earthen Levee</i>						
Encroachments					0.01	
<i>LMA Totals:</i>	0.00	0.00	0.00	0.00%	0.01	0.00
Unit No. 01 San Joaquin River RB	Overall Unit Rating	Total Unit Miles				
RD2094	A	2.82				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
<i>Earthen Levee</i>						
Encroachments					0.01	
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.01	0.00
Unit No. 02 San Joaquin River	Overall Unit Rating	Total Unit Miles				
RD2094	A	0.46				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
					PO Miles	CO Miles
No Items						
<i>Unit Totals:</i>	0.00	0.00	0.00	0.00%	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2011 Levee Inspection Results

Reclamation District No. 2094 Wathal

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			A	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2011 Levee Inspection Results

Reclamation District No. 2094 Wathal

Waterway			Bank	Unit Miles
Unit No. 01 San Joaquin River			Right	2.82
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	4/12/2011 - 4/12/2011		11/9/2011 - 11/9/2011	
DWR Inspector	Jim Eto		Jim Eto	
Accompanied By	Brian Mizuno RD 2094		Brian Mizuno RD 2094	

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Suite 200
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 2094 Wathal

Waterway				Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River				Right	2.82	11/09/2011 11/09/2011	Jim Eto

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.10	0.10	Earthen Levee	Encroachments	WS	PO	Ramp Inspector Comments: An access ramp has been built on the water side and extends into the channel. This could potentially alter the channel capacity. This item was also noted in the USACE comments.	37.771685 ° -121.300239 °	37.771685 ° -121.300239 °	4 Y
2	0.54	0.54	Earthen Levee	Seepage / Sandboils	LS	C	Inspector Comments: Seepage areas noted. No boils present	37.768451 ° -121.296491 °	37.768451 ° -121.296491 °	8
3	0.66	0.66	Earthen Levee	Encroachments	WS	W	Pipe Inspector Comments: 14" steel irrigation intake with sluice gate.	37.767505 ° -121.294902 °	37.767505 ° -121.294902 °	1 Y
4	0.86	1.42	Earthen Levee	Seepage / Sandboils	LS	C	Inspector Comments: Lengthy seepage area noted, evidence of wet soil and standing water. No boils present.	37.764885 ° -121.293350 °	37.759007 ° -121.299725 °	9
5	1.26	1.26	Earthen Levee	Encroachments	WS	W	Pipe Inspector Comments: 20" irrigation intake, sluice gate on water side hinge point.	37.760574 ° -121.297365 °	37.760574 ° -121.297365 °	2
6	2.29	2.29	Earthen Levee	Encroachments	WS	W	Pipe Inspector Comments: 20" steel rrigation intake.	37.752225 ° -121.296431 °	37.752225 ° -121.296431 °	3

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable PO : Partially Obstructing N : Not Inspected, see Inspector Comment C : Corrected
M : Minimally Acceptable CO : Completely Obstructing
U : Unacceptable W : Watch/Monitor

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 2094 Wathal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	2.82	11/09/2011 11/09/2011	Jim Eto

Levee Mile Report Line	1
Start Levee Mile	0.10
End Levee Mile	0.10
Location	Water Side
Category	Earthen Levee
Item	Encroachments

11/09/2011 Tire marks shown onto ramp from levee. Raised area extends to the trees in the background in the center of the photo.

jeto_f_20111118_591.jpg



Levee Mile Report Line	3
Start Levee Mile	0.66
End Levee Mile	0.66
Location	Water Side
Category	Earthen Levee
Item	Encroachments

Irrigation intake on San Joaquin River. Positive closure device (sliuce gate) on water side hinge points. Pipe is through freeboard portion of levee. Concrete stand pipe beyond landside toe.

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2011 Levee Inspection Results

Reclamation District No. 2094 Wathal

Waterway			Bank	Unit Miles
Unit No. 02 San Joaquin River				0.46
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	4/12/2011 - 4/12/2011		11/9/2011 - 11/9/2011	
DWR Inspector	Jim Eto		Jim Eto	
Accompanied By	Brian Mizuno RD 2094		Brian Mizuno RD 2094	

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Signature of LMA Representative

Date

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Levee Inspection Report By Mile - Fall 2011

Reclamation District No. 2094 Wathal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River		0.46	11/09/2011 11/09/2011	Jim Eto

LMR No.	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.01	0.45	Earthen Levee	Vegetation		A	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: Levee is clean and free of vegetation,	37.759274 ° -121.299777 °	37.760612 ° -121.307076 °	8 Y

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Reclamation District No. 2094 Wathal

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 San Joaquin River		0.46	11/09/2011 11/09/2011	Jim Eto

Levee Mile Report Line	1
Start Levee Mile	0.01
End Levee Mile	0.45
Location	
Category	Earthen Levee
Item	Vegetation

11/09/2011 Levee is clean and free of vegetation.

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*** Location**

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**** Rating**

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